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REPORT OF THE BIOLOGICAL AND MICROSCOPICAL SECTION.

This Section during the year 1893, has held nine meetings exclusive of those held in conjunction with the Academy.

Four new members have been elected and two contributors have been added to the list. One member and one contributor have resigned.

Interesting communications have been made by Messrs. Ryder, Rex, Sharp, Anders, Brown and Rothermel.

The officers for the ensuing year are :—

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|---------------------------------|---|---|---|---|---|--------------------|
| <i>Director,</i> | . | . | . | . | . | A. P. Brown. |
| <i>Vice Director,</i> | . | . | . | . | . | John C. Wilson. |
| <i>Recorder,</i> | . | . | . | . | . | M. V. Ball, M. D. |
| <i>Treasurer,</i> | . | . | . | . | . | Chas. P. Perot. |
| <i>Corresponding Secretary,</i> | . | . | . | . | . | John G. Rothermel. |
| <i>Conservator,</i> | . | . | . | . | . | Geo. A. Rex, M. D. |

Respectfully submitted,

HAROLD WINGATE,
Recorder.

REPORT OF THE CONSERVATOR OF THE CONCHOLOGICAL SECTION.

During the year since the last annual meeting of the Conchological Section the museum has been increased by many valuable accessions. The number of species new to the collection, and of species new to science has been unusually great. The series of mollusks preserved in alcohol has been augmented by a greater number of species than any previous year for probably over a decade. Accessions have been received during the year from 56 persons, a list of whom is included in the additions to the museum.

The total number of trays added is 1,650. About 300 of these having been acquired by purchase, an equal number by exchange, and the remainder by gift to the Academy or the Section. These do not include a collection of over 1,300 species of tertiary fossils obtained from M. Cossmann of Paris in exchange for volumes of the Manual of Conchology, which, with the addition of a collection of fossil Helices received from Dr. Penecke of Germany,

raises the number to a total of over 3,000 trays received and administered upon by the Conservator during the year.

Several accessions of special value to our collection may be mentioned, the collections received from the Peary Relief Expedition, from Dr. J. C. Cox, and that purchased from the Morelet collection being the most important.

The first of these, for which we are indebted to Prof. Angelo Heilprin, leader of the Peary Relief Expedition, adds a considerable number of Arctic forms first described by Friele, Sars and others, which could hardly have been obtained from any other source. This collection, together with that made by the West Greenland Expedition of 1891, gives us an excellent representation of the Greenland marine fauna.

The portion of the collection of the late Arthur Morelet of Dijon, France, which was obtained by us includes over 250 species of land and fresh-water shells, mainly of Africa, India and South America. As they are all new to the collection, and accompanied by reliable data, the great value of the series will be apparent. The additions to our collection of *Helices* are especially notable, many rare and long needed species being secured.

Dr. J. C. Cox of Sydney, N. S. Wales, Australia, has with great liberality made two donations to the Academy. The first, received through the Treasurer of the Section, contains a collection of dry Chitons from the coasts of New South Wales and South Australia; the second was transmitted direct to the Conservator, and consisted of a larger collection of alcoholic Chitons and many rare gastropods. The two sendings give us excellent material for the study of Australian *Polyplacophora*, and include a number of new species.

Other gifts, smaller but of scarcely less value, have been received from Professor F. W. Hutton of Christchurch, New Zealand, and Professor José N. Rovirosa of Tabasco, Mexico. A considerable number of fine shells, including a good suite from the Grecian Archipelago, was received from Mrs. G. W. Carpenter of Philadelphia.

A large number of the interesting land shells of New Zealand have been obtained by purchase from Mr. H. Suter of Christchurch, N. Z. A large proportion of them were figured for the first time, in the Manual of Conchology.

The additions to our suites of North American shells have been

considerable, several correspondents of the Conservator having contributed.

The work in the museum during the year has been limited to the proper placing of the new material received,—no small task in view of the crowded condition of our cases. A few small groups have been rearranged, and the terrestrial operculates and American Helices have been placed in shallow trays in drawers.

The great number of species and types contained in the collection of the Academy imposes a large amount of correspondence upon the Conservator, and no little time is consumed in the comparison of specimens for correspondents. This labor is amply repaid, however, by the large mass of new material which it secures us, and which could be obtained by no other means.

Respectfully submitted,

H. A. PILSBRY,
Conservator.

REPORT OF THE ENTOMOLOGICAL SECTION.

During the year about to close ten meetings of the Section have been held and they were well attended, considering the number of its members and associates. One member has died and two members and three associates have been elected. Many specimens have been added to the collection in the way of donations from members and others and through "The Entomological News" in exchange for names. The collections are in fairly good condition considering the unsafe cases they are kept in at present and the insufficient amount of room at our disposal. Three hundred and fifty entries of additions to the library have been made in the donation book to date. A large part of these publications cannot be arranged in the library and are laid away in piles. This is on account of the meagre amount of library space, the library some time ago having outgrown its present quarters. "The Entomological News," a journal published by the Section and the American Entomological Society devoted to insect life, has appeared regularly and has been eminently successful. Volume four has been completed, with three hundred and forty-four pages and fifteen full page plates and numerous cuts. The journal will be continued, the number for January, 1894, being in the hands of the printer.